LINK-BELT SPEEDER

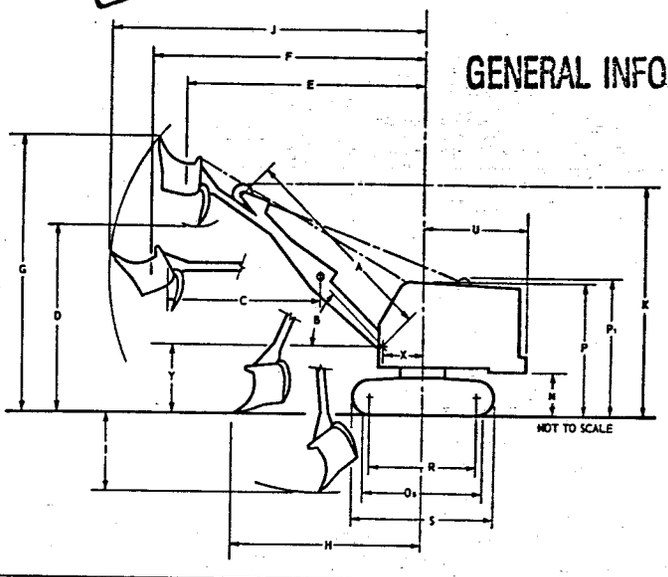
LS-68 ¾ Cubic Yard Shovel and Hoe Flysheet

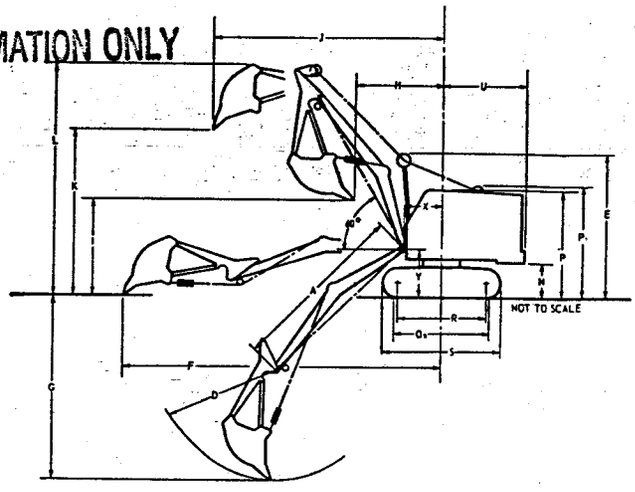
12.3 TON CRAWLER MOUNTED CRANE (PCSA CLASS 10-33)

(STANDARD LOWER 7'2" GAUGE X 11'0" LONG OVER-ALL)

(Supersedes Flysheet CRF2085-6-63)

GENERAL INFORMATION ONLY





SHOVEL WORKING RANGES

Dipper capacity, cubic yards (struck measure)	¾
A—Boom length, center to center of pins	16' 0"
Effective boom length (center of boom foot pin to cable pitch line of peak sheave)	16' 9"
C—Dipper stick length, effective	12' 3"
Dipper stick length over-all	13' 0"
X—Radius of boom hinge pin	3' 1"
Y—Height of boom hinge pin	5' 1"

BOOM ANGLE	B	60°	55°	50°	45°	40°
Maximum dumping height	D	17' 6"	16' 6"	15' 4"	14' 3"	12'11"
Dumping radius maximum height	E	16' 0"	17' 4"	18' 6"	19' 6"	20' 6"
Maximum dumping radius	F	19'11"	20' 6"	21' 0"	21' 5"	21'11"
Maximum cutting height	G	25' 1"	23'11"	22' 9"	21' 5"	19'11"
Maximum clean-up radius	H	15' 5"	15'10"	16' 2"	16' 6"	16' 9"
Maximum digging depth	I	4'11"	5' 5"	5'10"	6' 4"	6' 8"
Maximum cutting radius	J	23' 5"	23'11"	24' 5"	24'11"	25' 4"
Boom clearance height	K	19' 9"	19' 0"	18' 3"	17' 3"	16' 3"

GENERAL DIMENSIONS COMMON TO BOTH SHOVEL AND HOE

Ground clearance under counterweight "A"	N	3' 5"
Crawler ground bearing length	O5	9' 5"
Over-all cab height	P	10' 3"
Over-all height low gantry	P1	10' 6"
Center to center of wheels	R	8' 6"
Over-all crawler length	S	11' 0"
Tailswing of counterweight "A"	U	8' 3"

HOE WORKING RANGES

Bucket capacity, cubic yards		¾
Bucket cutting width		39½"
Boom length	A	16' 6"
Average sweep radius	D	9' 7"
Height of hoe mast	E	13' 8"
Maximum digging radius	F	29' 4"
Maximum digging depth①	G	18' 8"
Radius beginning of dump	H	8' 8"
Ground clearance beginning of dump	I	9' 7"
Clearance radius end of dump	J	20'11"
Ground clearance end of dump	K	15' 7"
Over-all height end of dump	L	20' 7"
Radius of boom hinge pin	X	3' 7"
Height of boom hinge pin	Y	4' 5"

① Dimension "G" shows maximum digging depth with 55° boom. The digging depth with 45° boom per U.S. Department of Commerce Standards is 16'10". The maximum "effective" digging depth will vary with the type of soil and excavation.

HOE LIFTING CAPACITIES

These are maximum capacities for the hoe when used for laying pipe. Two part hoist line used.

BOOM RADIUS②	LIFTING CAPACITIES
12'	9,300 lbs.
15'	7,600 lbs.
20'	4,700 lbs.

② Radius is measured from machine centerline of rotation to centerline of boom peak shaft. Capacities are based upon hoe arm being in a vertical position.

BRIEF SPECIFICATIONS

SHOVEL

Approximate working weight with 24" wide track shoes, low gantry, counterweight "A" ____ 34,700 lbs.
Crowd speed ____ 101 f.p.m.
Retract speed ____ 146 f.p.m.
Swing speed ____ 4.9 r.p.m.

Lagging	Line Pull	Line Speed
9" hoist (rear)	12,000 lbs.	@ 134 f.p.m.

HOE

Approximate working weight with 24" wide track shoes, low gantry, counterweight "A" ____ 34,750 lbs.
Swing speed ____ 4.9 r.p.m.

Lagging	Line Pull	Line Speed
10" inhaul (front)	11,300 lbs.	@ 150 f.p.m.
11" hoist (rear)	9,950 lbs.	@ 162 f.p.m.

POWER UNITS

Suitable for operation up to 4,000 feet above sea level. For operation at higher altitudes consult factory.

Standard—Waukesha 195GK gasoline engine with friction clutch, six cylinder, 56 net h.p. @ 1,620 r.p.m. full load speed.

Optional at extra cost—Diesel: General Motors with friction clutch.

MEMBER PCSA

These specifications comply with the recommended Commercial Standard CS90-58 developed under the National Bureau of Standards and issued by the United States Department of Commerce.

We are constantly improving our products and therefore reserve the right to change designs and specifications.

For Certified Dimensions, Consult Factory

LINK-BELT SPEEDER

Link-Belt Speeder
Cedar Rapids, Iowa

Link-Belt Speeder (Canada), Ltd.
Woodstock, Ontario

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